

# Converting Colors

Hex(477B8F)

Have a look what the booklet for  
Hex(477B8F) contains.

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# Color

Hex(477B8F)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	477B8F
RGB	71, 123, 143
RGB Percent	28%, 48%, 56%
CMY	0.7216, 0.5176, 0.4392
CMYK	0.50, 0.14, 0.00, 0.44
HSL	197°, 34%, 42%
HSV	197°, 50%, 56%
XYZ	14.6394, 17.4887, 28.5907
YIQ	109.7320, -37.4120, -4.8040

# Conversions

## Conversions Part 2

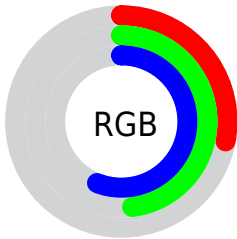
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	71, 101, 143
Decimal	4684687
CIE <sub>Lab</sub>	48.87, -11.59, -16.23
CIE <sub>LCh</sub>	49, 19.942, 234.456
Yxy	17.4887, 0.2411, 0.2880
Android (android.graphics.Color)	4282874767 (0xFF477B8F)
YUV	109.7320, 16.4011, -33.9680
Hunter-Lab	41.8195, -10.6980, -11.2611

# Details

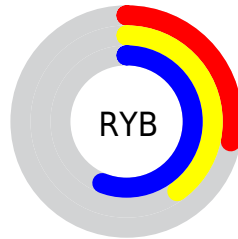
The Hex color **477B8F** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **8F5B47**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **7CB0C5**, and **0B4A5D** is the 20% darker color. If you saturate the color by 10%, you get **39778F**, and if you desaturate by 10%, it is **557F8F**.

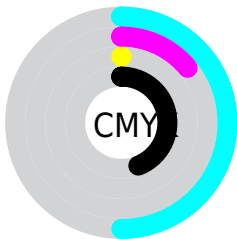
# Distribution



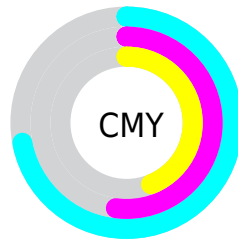
- Red (28%)
- Green (48%)
- Blue (56%)



- Red (28%)
- Yellow (40%)
- Blue (56%)



- Cyan (50%)
- Magenta (14%)
- Yellow (0%)
- Black (44%)



- Cyan (72%)
- Magenta (52%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 477B8F changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 477B8F by changing the saturation by 10% instead.





477B8F



477B8F

FFFFFF



2C6275



7CB0C5



0B4A5D



97CBE1



003445



B3E7FD



001F2F



CFFFFFF



00011A



ECFFFF



000000



477B8F



477B8F



39778F



557F8F



2A738F



64838F

■ 1C6F8F

■ 72878F

■ 0E6B8F

■ 808B8F

■ 00678F

■ 8F8F8F

■ 9D938F

■ AB978F

■ B99B8F

■ C89F8F

# Harmonies

## Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



427D81



477B8F



5B7795

# Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



477B8F



936878



727755

# Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



477B8F



8F5B47

# Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



837253



477B8F



966867

# Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



477B8F



876B88



906C59



5E7B60

# Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



477B8F



6B7395



906C59



787653



# Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



477B8F



9EB2BA



478F5A



4D5A5E



DEDEDE



5E5E5E



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



477B8F



4A9BBA



47588F



404547



006287



000608



# Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



8F477B



BA4A9B



8F7E47



474045



870062



080006



# Previews

## White Background



This preview shows how the Hex color 477B8F looks on a white background.

## Color Contrast Check

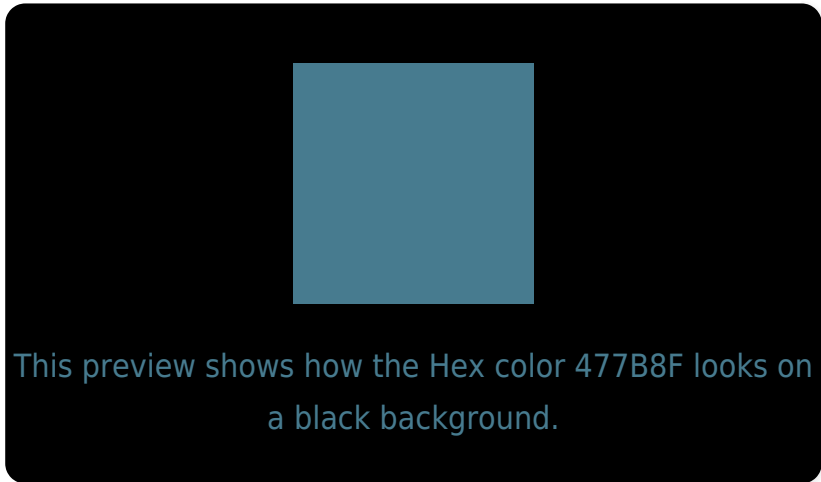
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

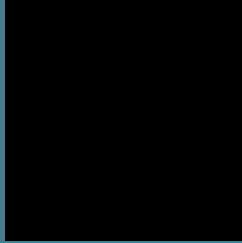
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 477B8F Background



This preview shows how black text looks on a background with the Hex color 477B8F.

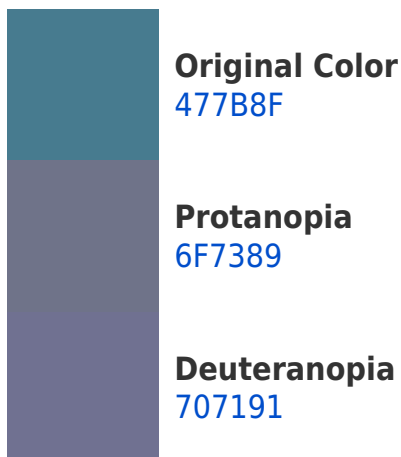



This preview shows how white text looks on a background with the Hex color 477B8F.

# Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

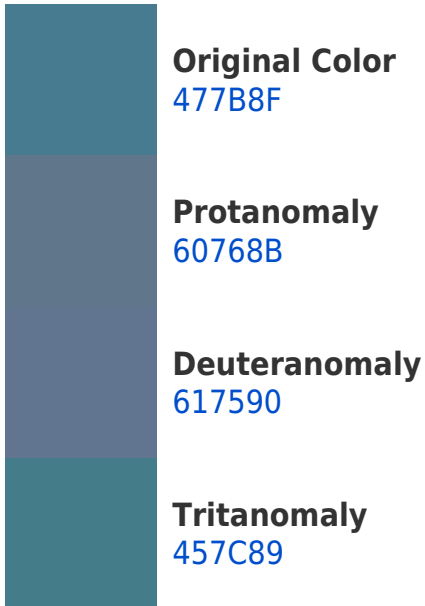
## Dichromacy





**Tritanopia**  
447C86

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 477B8F is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #477B8F looks like.

```
.text, #text, p{  
    color:#477B8F  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #477B8F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #477B8F
}
```

## Border

The CSS property to change the border of an element to Hex 477B8F is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#477B8F }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#477B8F }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel #477B8F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #477B8F; -webkit-box-shadow:4px 4px  
4px 4px #477B8F; box-shadow:4px 4px 4px  
4px #477B8F }
```

# Background

The CSS property to change the background color of an element to Hex 477B8F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#477B8F }
```

If only the background color should be changed can be used:

```
.background{ background-color:#477B8F }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).



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